REMARKS/ARGUMENTS

Reconsideration and withdrawal of the rejections of the application are respectfully requested in view of the amendments and remarks herewith, which place the application into condition for allowance. The present amendment is being made to facilitate prosecution of the application.

I. STATUS OF THE CLAIMS AND FORMAL MATTERS

Claims 12, 13, 15 and 28-76 are pending in this application. Claims 12, 13, 15, 28, 35-39, 42, 44, 47, 50, 52, 55, 57, 60, 62, 70, 71 and 75 are independent. Claims 12, 13, 15, 28, 35-39, 42, 44, 47, 50, 52, 55, 57, 60, 62, 70, 71, and 76 are hereby amended. Claims 1-11, 14 and 16-27 have been canceled without prejudice or disclaimer of subject matter. It is submitted that these claims, as originally presented, were in full compliance with the requirements 35 U.S.C. §112. No new matter has been introduced by this amendment. Support for this amendment is provided throughout the Specification. Changes to claims are not made for the purpose of patentability within the meaning of 35 U.S.C. §101, §102, §103, or §112. Rather, these changes are made simply for clarification and to round out the scope of protection to which the Applicants are entitled.

II. REJECTIONS UNDER 35 U.S.C. §102(e)

Claims 12-15 and 28-76 were rejected under 35 U.S.C. §102(e) as allegedly anticipated by U.S. Patent No. 6,445,877 to Okada, et al.

Claim 12 recites, *inter alia*:

> "...a first determining step of determining whether a first table is recorded on the recording medium, the first table recorded as a function of a first recording method;
> a second determining step of determining whether a second table is recorded on the recording medium, the second table recorded as a function of a second recording method;
>
> a reproducing step of **reproducing only one table; one of either the first table** describing a relation of correspondence between a presentation time stamp and an address in said AV stream data of a corresponding access unit **or reproducing the second table describing a relation of correspondence between an arrival time stamp derived from an arrival time point of a transport packet and an address in said AV stream data of a corresponding transport packet**, from said recording medium based on the first determining step or the second determining step..." (emphasis added)

As understood by Applicants, U.S. Patent No. 6,445,877 to Okada, et al. (hereinafter, merely "Okada") relates to recording various AV streams. Applicants submit that Okada uses two tables, Fig. 21 PTS MAP and PCR MAP, and that these two tables are related.

In general, Applicants submit that Okada describes a two-map hierarchy system in which both maps are used. In contrast to Okada, the present invention claims that a single map is selected from two maps. Thus, the present invention utilizes a single map while Okada uses two maps.

Specifically, Applicants submit that the two maps recited in claim 12 are not related. Indeed, one map is enough to make random access for an AV stream.

Applicants submit that nothing has been found in Okada that would teach or suggest the above-identified features of independent claim 12. Specifically, Applicants submit that Okada fails to teach or suggest two determining steps and a reproducing step of reproducing **one of** a first table describing the relation of correspondence between presentation time stamp and an address in said AV stream data of a corresponding access unit or a second table

describing the relation of correspondence between arrival time stamp derived from the arrival time point of a transport packet and an address in said AV stream data of a corresponding transport packet, from said recording medium, as recited in claim 12.

Therefore, claim 12 is patentable.

Claims 13 and 14 recite similar, or somewhat similar, features and are patentable for similar reasons.

Similarly, claim 15 recites, *inter alia*:

> "...wherein the digital processor reads only one table; one of either the first table or the second table based on the first identification module or the second identification module ..." (emphasis added)

Applicants submit that nothing has been found in Okada that would teach or suggest the above-identified features of independent claim 15. Specifically, Applicants submit that Okada fails to teach or suggest one of a first table describing the relation of correspondence between presentation time stamp and an address in said AV stream data of a corresponding access unit and a second table describing the relation of correspondence between arrival time stamp derived from the arrival time point of a transport packet and an address in said AV stream data of a corresponding transport packet, depending on a recording method, as recited in claim 15. Furthermore, claim 15 recites that only one table; one of either the first table or the second table is read.

Therefore, claim 15 is patentable.

Claim 28 recites, *inter alia*:

> "a controller for generating **only one table; one of either a first table** describing a relation of correspondence between a presentation time stamp and an address in said AV stream data of a corresponding access unit, **or generating a second table** describing a relation of correspondence between an arrival time stamp derived from an arrival time point of a

> transport packet and an address in said AV stream data of a corresponding transport packet; and
>
> a recorder for recording **one of the generated first table or the generated second table**, on said recording medium with said AV stream data, based on the controller." (emphasis added)

Applicants submit that nothing has been found in Okada that would teach or suggest the above-identified features of independent claim 28. Specifically, Applicants submit that Okada fails to teach or suggest a controller for generating a first table describing the relation of correspondence between presentation time stamp and an address in said AV stream data of a corresponding access unit, **or** a second table describing the relation of correspondence between arrival time stamp derived from the arrival time point of a transport packet and an address in said AV stream data of a corresponding transport packet; and a recorder for recording one of the first and second tables, as selected depending on a recording method, on said recording medium along with said AV stream data, as recited in claim 28. Applicants submit that the selection of the generation of one of the tables is distinguished from the two-map system described in Okada.

Therefore, claim 28 is patentable.

Claims 35-37 recite similar, or somewhat similar, features and are patentable for similar reasons.

Claim 38 recites, *inter alia*:

> "...a reproducing unit for reproducing **only one table; one of either** a first table describing the relation of correspondence between presentation time stamp and an address in said AV stream data of a corresponding access unit **or** reproducing a second table describing the relation of correspondence between arrival time stamp derived from the arrival time point of a transport packet and an address in said AV stream data of a corresponding transport packet..." (emphasis added)

Applicants submit that nothing has been found in Okada that would teach or suggest the above-identified features of independent claim 38.

Claims 39 and 42 recite similar, or somewhat similar, features and are patentable for similar reasons.

Claim 44 recites, *inter alia*:

> "a controller operable to generate playlist information and map information corresponding to clip information, wherein said clip information including said audio and/or picture information, wherein said playlist information including at least one play item designated by an in-point and an out-point of the clip information, said map information including only one map; one of either (i) an entry point map describing the relationship between a presentation time stamp of an entry point and an address of a respective entry point, or (ii) a time unit map describing the relationship between an arrival time stamp of a time unit and an address of a respective time unit..." (emphasis added)

Applicants submit that nothing has been found in Okada that would teach or suggest the above-identified features of independent claim 44. Specifically, Applicants submit that Okada fails to teach or suggest that the map information includes **only one map; one of either** an entry point map **or** a time map, as recited in claim 44.

Therefore, claim 44 is patentable.

Claims 47, 50, 52, and 55 recite similar, or somewhat similar, features and are patentable for similar reasons.

Claim 57 recites, *inter alia*:

> "a reproducing device for reproducing from a storage medium on which playlist information and map information corresponding to a stream file...
>
> ... said playlist information including at least one PlayItem having IN time to indicate the presentation start time of

PlayItem and OUT time to indicate the presentation end time of PlayItem,

wherein said map information **includes only one map; one of either**

(i) an entry point map describing the relationship between a presentation time stamp of an entry point of the stream file and an address of a respective entry point, **or**

(ii) (ii) a time unit map describing the relationship between an arrival time stamp of a time unit of the stream file and an address of a respective time unit..." (Emphasis added)

Applicants submit that nothing has been found in Okada that would teach or suggest the above-identified features of independent claim 57. Specifically, Applicants submit that Okada fails to teach or suggest a reproducing device for reproducing from a storage medium on which playlist information and map information corresponding to a stream file are stored, said stream file including said audio and/or picture information, said playlist information including at least one PlayItem having IN time to indicate the presentation start time of PlayItem and OUT time to indicate the presentation end time of PlayItem, said map information including **only one map; one of either** (i) an entry point map describing the relationship between a presentation time stamp of an entry point of the stream file and an address of a respective entry point, **or** (ii) a time unit map describing the relationship between an arrival time stamp of a time unit of the stream file and an address of a respective time unit, as recited in claim 57.

Therefore, claim 57 is patentable.

Claims 60 and 62 recite similar, or somewhat similar, features and are patentable for similar reasons.

Claim 70 recites, *inter alia*:

> "...an entry point map describing the relationship between a presentation time stamp of an entry point of audio and/or picture information recorded thereon and an address of a respective entry point, **or** a time unit map describing the relationship between an arrival time stamp of a time unit of said information and an address of a respective time unit in accordance with a type of said input audio and/or picture information,
>
> wherein the flag type indicates a type of recording process used to record only one map; one of either the entry point map or the time unit map." (emphasis added)

Applicants submit that nothing has been found in Okada that would teach or suggest the above-identified features of independent claim 70. Specifically, Applicants submit that Okada fails to teach or suggest an entry point map describing the relationship between a presentation time stamp of an entry point of audio and/or picture information recorded thereon and an address of a respective entry point, **or** a time unit map describing the relationship between an arrival time stamp of a time unit of said information and an address of a respective time unit in accordance with a type of said input audio and/or picture information, as recited in claim 70.

Therefore, claim 70 is patentable.

Claim 71 recites similar, or somewhat similar, features and is patentable for similar reasons.

Claim 75 is directed to generating an EP file based on a determination of a file type of the clip information. Indeed, claim 75 recites, *inter alia*:

> "...determining a file type of the clip information;
>
> generating a map from the file clip information if the clip information file is an EP_map type; and
>
> generating a clip audio/video stream from the EP_map."

Applicants submit that Okada, as discussed above, is silent to this feature. Therefore Claim 75 is patentable.

III. DEPENDENT CLAIMS

The other claims in this application are each dependent from one of the independent claims discussed above and are therefore believed patentable for at least the same reasons. Since each dependent claim is also deemed to define an additional aspect of the invention, however, the individual reconsideration of the patentability of each on its own merits is respectfully requested.

Similarly, because Applicants maintain that all claims are allowable for at least the reasons presented hereinabove, in the interests of brevity, this response does not comment on each and every comment made by the Examiner in the Office Action. This should not be taken as acquiescence of the substance of those comments, and Applicants reserve the right to address such comments.

CONCLUSION

In the event the Examiner disagrees with any of statements appearing above with respect to the disclosure in the cited reference, it is respectfully requested that the Examiner specifically indicate those portions of the reference, providing the basis for a contrary view.

In view of the foregoing amendments and remarks, it is believed that all of the claims in this application are patentable and Applicants respectfully request early passage to issue of the present application.

Please charge any additional fees that may be needed, and credit any overpayment, to our Deposit Account No. 50-0320.

Respectfully submitted,

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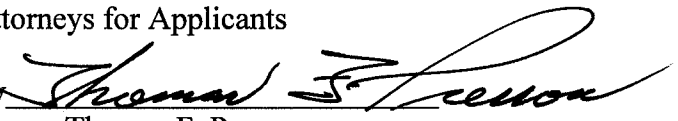
By 

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